APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Chemistry of the Uranates of Some Group II Elements, by E. A. Ippolitova, Yu. P. Simanov, L. M. Kovba, G. P. Polunina, I. A. Bereznikova, 7 pp.

RUSSIAN, per, Radiokhimiya, Vol I, 1959, pp 660-664.

AEC DEG-Inf-Ser-145

NLL M-454 171, 219

Sci - Chem'
Oct 61

OTS 62-

List 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

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Sparingly Soluble Uranium Salts of the Lower Phosphorus Oxyacids, by V. G. Knyagina, et al.

RUSSIAN, per, Radiokhimiya, No 6, 1959, pp 665-667.

Sci - Chem

May 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

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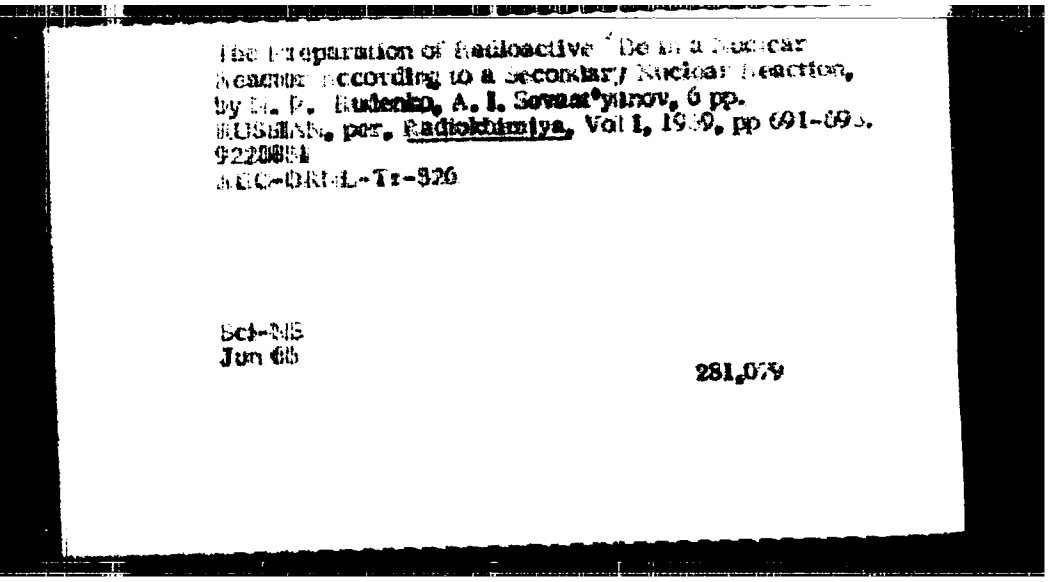

The Preparation of Radioactive ^{7}Be in a Nuclear Reaction According to a Secondary Nuclear Reaction, by L. P. Rudenko, A. I. Sovar'yanov, 6 pp.
RUSSIAN, per. Radiokhimiya, Vol 1, 1959, pp 691-695.
922084
AEC-tr-L-Tr-526

Sci-MS
Jun 65

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Secondary Reactions of Br^{82} and Br^{80m} Recoil Atoms in Bromomethanes, by A. K. Mezheyanov, E. A. Borisov, E. A. S. Filatov, V. I. Kondratenko, Tsieh-hsiang Chang, K. Panek, B. M. Shukla, 17 pp.

RUSSIAN, PER, Radiokhimiya, Vol I, No 6, 1959, pp 712-716.

AEC NP Tr-554

150,365

Sci - Chem
May 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

RADIOKHIMIYA
(Soviet Radiochemistry - bimonthly)
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Scintillation Technology of Counting Natural Radiocarbon and Its Application in Determining Absolute Age, by I. E. Starik, V. P. Shamov, Kh. A. Arslanov. A. P. Zharlov, G. M. Murashov, 18 pp.

RUSSIAN, per, Radiokhimiya, Vol III, 1961, pp 101-113.

AEC Tr-4623

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Sci
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Extraction of Ruthenium and Some Other Fission Products by Tri-n-Octylamine From Nitric Acid Solutions, by V. B. Shevchenko, V. S. Shmidt, 14 pp. 9091181

RUSSIAN, per, Radiokhim, Vol III, 1961, pp 121-128.

AEC Tr-4840

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Sci - Chem
Feb 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Sorption or Radioelements From Solutions, by I. E. Starik, et al.

RUSSIAN, per, Radiokhimiya, Vol III, 1962, pp 144-149.

U.K. Atomic Energy Authority
Risley, TRG Inf Ser-143(W)

Sci - Chem
Jul 62

202,101

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Research on the State of Pu(IV) in Dilute Solutions of Nitric Acid, by B. I. Grebenshchikova, Yu. P. Davydov, 13 pp.

RUSSIAN, per, Radiokhim, Vol III, 1961, pp 155-161.
9093720

AEC Tr-4830

Sci - Chem
Dec 61

177,423

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Adsorption of Pu-(IV) On the Surface of Glass, by
V. I. Grebenschikova, Yu. P. Davydov, 12 pp.

RUSSIAN, per, Radiokhim, Vol III, 1961, pp 165-172.

AEC Tr-4841
CEA R-1529
(Rev Trans)

Sci - Chem
Feb 62

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

REACTION OF PLUTONIUM DIOXIDE WITH AMMONIUM HYDROGEN FLUORIDE IN THE ABSENCE OF WATER, BY YA. MALY, I. PEKA, M. TELASH, 11 PP.

RUSSIAN, PER, RADIOKHIM, VOL III, NO 2, 1961, PP 195-198. 9082380

AEC TR-4787
CEA R-1524
Review Trans.

SCI - CHEM

NOV 61

173,196

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

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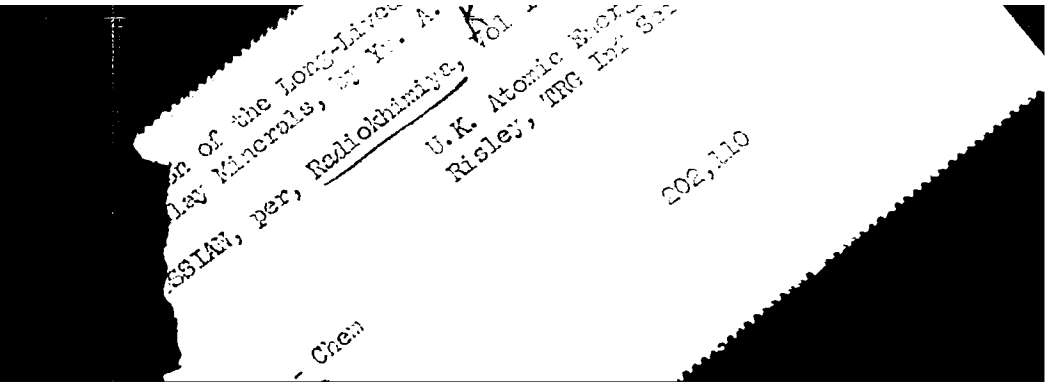

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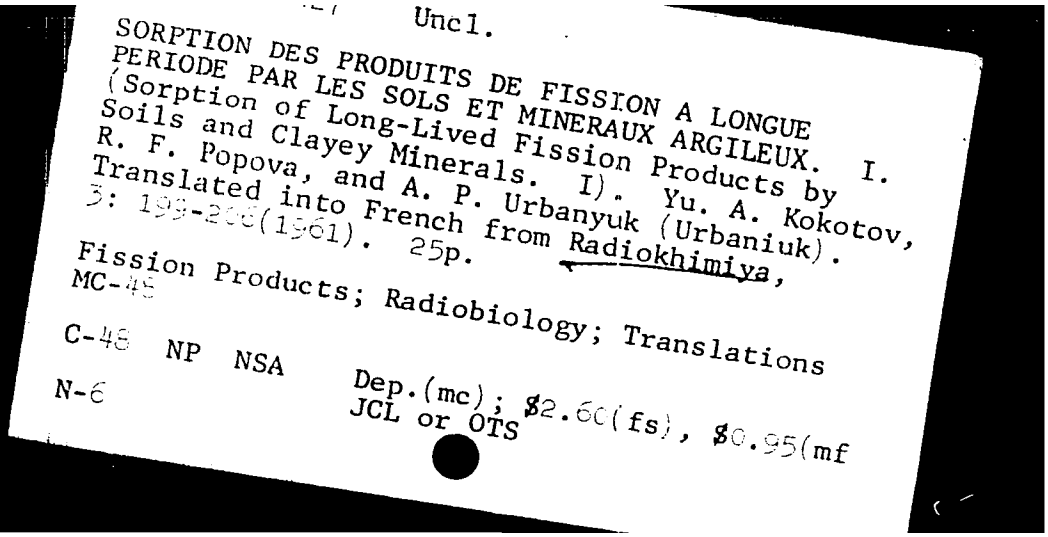

Uncl.

SORPTION DES PRODUITS DE FISSION A LONGUE PERIODE PAR LES SOLS ET MINERAUX ARGILEUX. I. (Sorption of Long-Lived Fission Products by Soils and Clayey Minerals. I). Yu. A. Kokotov, R. F. Popova, and A. P. Urbanyuk (Urbaniuk). Translated into French from Radiokhimiya, 3: 199-208(1961). 25p.

Fission Products; Radiobiology; Translations

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Grebenshchikova, V. I. and Davidov, Yu. P.
ADSORPTION DE Pu(IV) SUR LA SURFACE DU VERRE [Adsorption of Pu(IV) on a Glass Surface] tr. by Garber, 24 Mar 62 [22]p. 14 refs. CEA Trans. no. R 1529 (text in French).
Order from OTS or SLA $2.00 62-33760

Trans. in French of Radiokhimiya (USSR) 1961, v. 3, no. 2, p. 165-172.
A preliminary unedited trans is available in English from OTS or SLA $1.60 as AEC-tr-4841 [1961] 11p.

DESCRIPTORS: *Radiochemistry, *Plutonium, Absorption, Glass, Colloids, Hydrogen ion concentration, Ion exchange.

For abstract see Technical Translations 7: 624, 1962.

(Nuclear Physics and Nuclear Reactions, TT, v. no. 9)

62-33760

I. Grebenshchikova, V. I.
II. Davidov, Yu. P.
III. CEA-tr-R1529
IV. Commissariat à l'Énergie Atomique (France)

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Nefedov, V. D., Bykhovchev, V. L. and others. MODIFICATIONS CHIMIQUES SURVENANT AU COURS DE LA DESINTEGRATION-β DE RA D, ENTRANT DANS LA COMPOSITION DE DERIVES DU PLOMB, DEFICITAIRES EN RADICAUX (Chemical Changes in β -Decay of Ra D in the Radical Deficient Lead Derivatives). 12p.(foreign text included) 5 refs FR-3151 (text in French).
Order from OTS or ETC $1.85 62-26164

Trans. in French of Radiokhimiya (USSR) 1961, v. 3, no. 2, p. 225-236.

DESCRIPTORS: *Metalorganic compounds, *Lead compounds, *Radium, *Beta decay, Chemical analysis, Chemical reactions.

(Nuclear Physics--Radioactivity, TT, v. 9, no. 8)

62-26164

I. Nefedov, V. D.
II. Bykhovchev, V. L.
III. FR-3151
IV. Centre National de la Recherche Scientifique (France)

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Nefedov, V. D. and Skorobogatov, G. A.
SUR LES COMPOSÉS MARQUES MULTIPLES (O Mnogokratno Mechennykh Soedineniyakh) tr. by Mme. Giuliani. 10 Nov 61 [22]p. (Russian text included) 6 refs. CEA Trans. no. R 1430 (text in French).
Order from OTS or SLA $2.60 62-19028

Trans. in French of Radiokhimiya (USSR) 1961, v. 3, no. 2, p. 229-236.

DESCRIPTORS: *Labeled substances, Radioactive isotopes, Particles, *Radioactive decay.

(Nuclear Physics--Radioactivity, TT, v. 8, no. 3)

62-19028

I. Nefedov, V. D.
II. Skorobogatov, G. A.
III. CEA-tr-R1430
IV. Commissariat à l'Énergie Atomique (France)

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

A Rapid Method of Determining Thori m, Nail m, and Lead in Monazites, by K. S. Ivanova.

RUSSIAN, per, Radiokhimiya, Vol III, No 3, 1961, pp 348-355. 9[illegible]7

AERE, Harwell Tr-1543
HEC NP 71-795

Sci - Ele Chem
Jul 62

202,222

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Vdovenko, V. M., Lipovskii, A. A., and [Kuzina, M. G.].
ABSORPTION DU NITRATE D'URANYLE PAR LES RÉSINES ECHANGEUSES D'ANIONS À PARTIR DE SOLVANTS ORGANIQUES [Absorption of Uranyl Nitrate from Organic Solvents with the Help of Anion Exchange Resins] tr. by Cen-Far. 3 Mar 62 [21]p. 11 refs. CEA Trans. no. R 1568 (text in French). Order from OTS or SLA $2.60 62-33742

Trans. in French of [Radiokhimiya] (USSR) 1961, v. 3, no. 3, p. 365-371.

DESCRIPTORS: *Radiochemistry, *Uranyl radicals, Nitrates, Absorption, *Organic solvents, *Ion exchange resins.

(Nuclear Physics and Nuclear Chemistry, TT, v. 9, no. 9)

62-33742

I. Vdovenko, V. M.
II. Lipovskii, A. A.
III. CEA-tr-R1568
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[redacted] of the Long-Lived Fission Products by Soils
[redacted] Minerals, by Yu. A. Lokotov, et al.

[redacted]SSIAN, per, Radiokhimiya, Vol III, 1961, pp 1[redacted]-206.

U.K. Atomic Energy Authority
Risley, TRG Inf Ser 142(W)

Sci - Chem
Jul 62

202,110

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

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CEA-tr.-R-1427 Uncl.

SORPTION DES PRODUITS DE FISSION A LONGUE PERIODE PAR LES SOLS ET MINERAUX ARGILEUX. I. (Sorption of Long-Lived Fission Products by Soils and Clayey Minerals. I). Yu. A. Kokotov, R. F. Popova, and A. P. Urbanyuk (Urbaniuk). Translated into French from Radiokhimiya, 3: 199-208(1961). 25p.

Fission Products; Radiobiology; Translations
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Grebenshchikova, V. I. and Davidov, Yu. P.
ADSORPTION DE Pu(IV) SUR LA SURFACE DU VERRE [Adsorption of Pu(IV) on a Glass Surface] tr. by Garber. 24 Mar 62 [22]p. 14 refs. CEA Trans. no. R 1529 (text in French).
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Trans. in French of Radiokhimiya (USSR) 1961, v. 3, no. 2, p. 165-172.
A preliminary unedited trans is available in English from OTS or SLA $1.60 as AEC-tr-4841 [1961] 11p.

DESCRIPTORS: *Radiochemistry, *Plutonium, Absorption, Glass, Colloids, Hydrogen ion concentration, Ion exchange.

For abstract see Technical Translations 7: 624, 1962.

(Nuclear Physics and Nuclear Reactions, TT, v. no. 9)

62-33760

I. Grebenshchikova, V. I.
II. Davidov, Yu. P.
III. CEA-tr-R1529
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Nefedov, V. D., Bykhovchev, V. L. and others. MODIFICATIONS CHIMIQUES SURVENANT AU COURS DE LA DESINTEGRATION-β DE RA D, ENTRANT DANS LA COMPOSITION DE DÉRIVÉS DU PLOMB, DEFICITAIRES EN RADICAUX (Chemical Changes in β -Decay of Ra D in the Radical Deficient Lead Derivatives). 12p.(foreign text included) 5 refs FR-3151 (text in French).
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Trans. in French of Radiokhimiya (USSR) 1961, v. 3, no. 2, p. 225-236.

DESCRIPTORS: *Metalorganic compounds, *Lead compounds, *Radium, *Beta decay, Chemical analysis, Chemical reactions.

(Nuclear Physics--Radioactivity, TT, v. 9, no. 8)

62-26164

I. Nefedov, V. D.
II. Bykhovchev, V. L.
III. FR-3151
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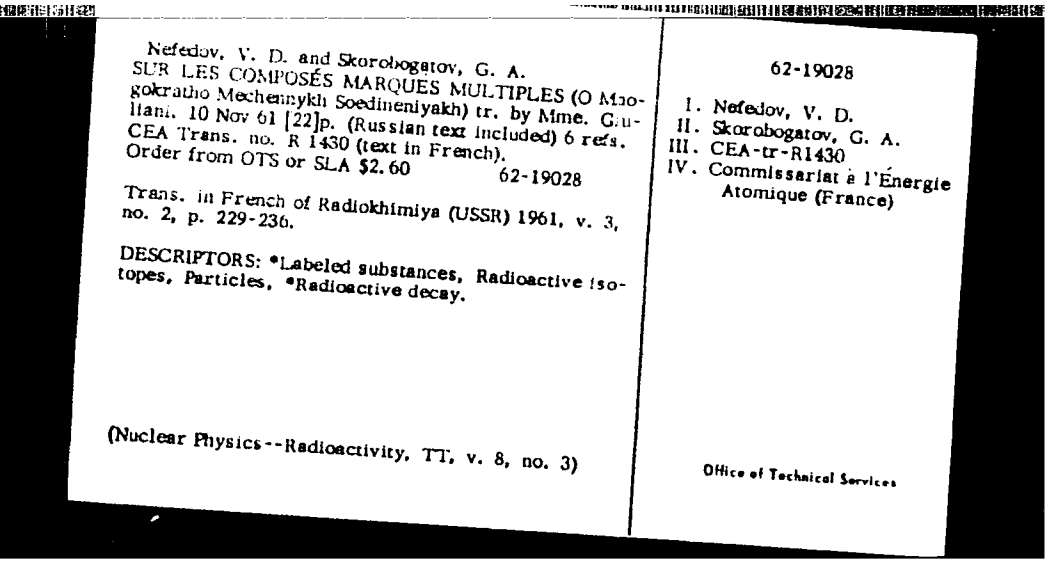

Nefedov, V. D. and Skorobogatov, G. A.
SUR LES COMPOSÉS MARQUES MULTIPLES (O Mnogokratno Mechennykh Soedineniyakh) tr. by Mme. Guilliani. 10 Nov 61 [22]p. (Russian text included) 6 refs. CEA Trans. no. R 1430 (text in French). Order from OTS or SLA $2.60 62-19028

Trans. in French of Radiokhimiya (USSR) 1961, v. 3, no. 2, p. 229-236.

DESCRIPTORS: *Labeled substances, Radioactive isotopes, Particles, *Radioactive decay.

(Nuclear Physics--Radioactivity, TT, v. 8, no. 3)

62-19028

I. Nefedov, V. D.
II. Skorobogatov, G. A.
III. CEA-tr-R1430
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A Rapid Method of Determining Thorium, Radium, and Lead in Monazites, by K. S. Ivanova.

RUSSIAN, per, Radiokhimiya, Vol III, No 3, 1961, pp 348-355.

AERE, Harwell Translg

Sci - Chem
Jul 62

202,222

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Vdovenko, V. M., Lipovskii, A. A., and [Kuzina, M. G.].
ABSORPTION DU NITRATE D'URANYLE PAR LES RÉSINES ECHANGEUSES D'ANIONS À PARTIR DE SOLVANTS ORGANIQUES [Absorption of Uranyl Nitrate from Organic Solvents with the Help of Anion Exchange Resins] tr. by Cen-Far. 3 Mar 62 [21]p. 11 refs. CEA Trans. no. R 1568 (text in French). Order from OTS or SLA $2.60 62-33742

Trans. in French of [Radiokhimiya] (USSR) 1961, v. 3, no. 3, p. 365-371.

DESCRIPTORS: *Radiochemistry, *Uranyl radicals, Nitrates, Absorption, *Organic solvents, *Ion exchange resins.

(Nuclear Physics and Nuclear Chemistry, TT, v. 9, no. 9)

62-33742

I. Vdovenko, V. M.
II. Lipovskii, A. A.
III. CEA-tr-R1568
IV. Commissariat a l'Energi Atomique (France)

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Concerning the Mechanism of Extraction of Tetravalent Plutonium by a Primary Alkyl Amine From Sulfuric Acid Solution, by V. M. Vdovenko, A. A. Lipovskiy, S. A. Nikitina, 6 pp.

RUSSIAN, per, Radiokhim, Vol III, 1961, pp 396-402.
9008272

CEA R-1524
AEC Tr-4982

Sci - Chem
Apr 62

189,961

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Extraction of Americium by Tributylphosphate, by V. I. Ferlyandchin, et al.

RUSSIAN, per, Radiokhimiya, Vol III, No 4, 1961, pp 411-416.

U.K. Atomic Energy Authority
Risley, TRG Inf Ser-155(W)

Sci - Chem
Jul 62

202,103

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Separation by Extraction of Zr^{95} (Without a Carrier) Using the n-Diersylphosphate - $CHCl_3$ System, by S. A. Potapova.

RUSSIAN, per, Radiokhimiya, Vol III, No 4, 1961, pp 421-427.

*U.K. Atomic Energy Authority Risley, TRG Inf Ser 126(W)

Sci - Chem
Jul 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Grebenshchikova, V. I., Bryzgalova, R. V., and Chernitskaya, I. V.
THE COMPOSITION AND SOLUBILITY OF LANTHANUM OXALATE IN DIFFERENT SOLUTIONS. [1962] 9p. 7 refs.
Order from OTS or SLA $1.10 62-18730

Trans. of #Radiokhimiya (USSR) 1961, v. 3, no. 4, p. 486-489.

DESCRIPTORS: *Lanthanum compounds, *Oxalates, Synthesis, Solubility, Chemical analysis.

It is determined that normal lanthanum oxalate, having the composition $La_2(C_2O_4)_3 \cdot 8H_2O$, is deposited from mixed solutions of nitric or oxalic acids (or ammonium oxalate) at 50°C. The solubility of lanthanum oxalate at 50°C in different solutions is determined. It is demonstrated that the solubility of
(Chemistry--Physical, TT, v. 9, no. 10) (over)

62-18730

I. Grebenshchikova, V. I.
II. Bryzgalova, R. V.
III. Chernitskaya, I. V.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Reactions of Uranyl Nitrate with Amines, by
V. M. Vdovenko, D. N. Suglobov, et al.

RUSSIAN, per, Radiokhimiya, No 5, 1961, pp 636-637.

*AEC

Sci - Nucl Sci
Jan 64

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RADIOKHIMIYA
(Soviet Radiochemistry - bimonthly)
Translation begins with 1962,
Vol. 4, No. 1
Lag time: ca. 11 months
Order from: Plenum Publishing Corporation
227 West 17th Street
New York, N.Y. 10011
1971: $ 125.00/year
$ 30.00 single issues
$ 15.00 single article reprints
add $ 5.00 on overseas subscription

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

The State of Protactinium in Aqueous Solutions
VI Adsorption Properties of Protactinium,
by I. E. Starik, L. D. Sheydena, L. I.
Timofeeva, 12 pp.

RUSSIAN, per, Radiokhimia, Vol IV, No 1,
1962, pp 44-49. ~~9093596~~ 9866946

AEC Tr-5253

Sci - Chem
Oct 62

212,671

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Shvedov, V. P., Ankudinov, E. P. and others.
DETERMINATION DE FAIBLES ACTIVITES DES EAUX RADIO-POLLUEES [Determination of Low Levels of the Radioactive Contamination of Water] tr. by Garber. 18 Apr 62 [15]p. 20 refs. CEA Trans. no. R 1657.
Order from OTS or SLA $1.60 63-15471

Trans. in French of Radiokhimiya (USSR) 1962, v. 4, no. 1, p. 110-116.

DESCRIPTORS: *Water supplies, Lakes, Artificial radioactivity, *Radiological contamination, Determination, Chemical precipitation, *Evaporators, Automatic, *Electrolytic cells, Computers, *Gamma-ray spectroscopy, *Radiation measurement systems.

On a examiné brièvement les méthodes déprélevement et de concentration des substances radioactives (Nuclear Physics--Instruments, TT, v. 10, no. 7)(over)

63-15471

1. Title: Entrainment
I. Shvedov, V. P.
II. Ankudinov, E. P.
III. CEA-tr-R1657
IV. Commissariat a l'Energie Atomique (France)

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The Structure of Uranyl Nitrate Dihydrate, by
V. M. Vdovenko, E. V. Stroganov, et al.

RUSSIAN, per, Radiokhimiya, Vol IV, No 1, 1962,
pp 59-66.

AERE/Harwell Te 987

Sci - Nucl Sci
Oct 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

Determination of Radioactive Cesium by the Ferrocyanide Method, by A. V. Gel'man. RUSSIAN, per, Radiokhim, No 1, 1962, pp 107-110.

AEC

Sci
Mar 64

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860050-6

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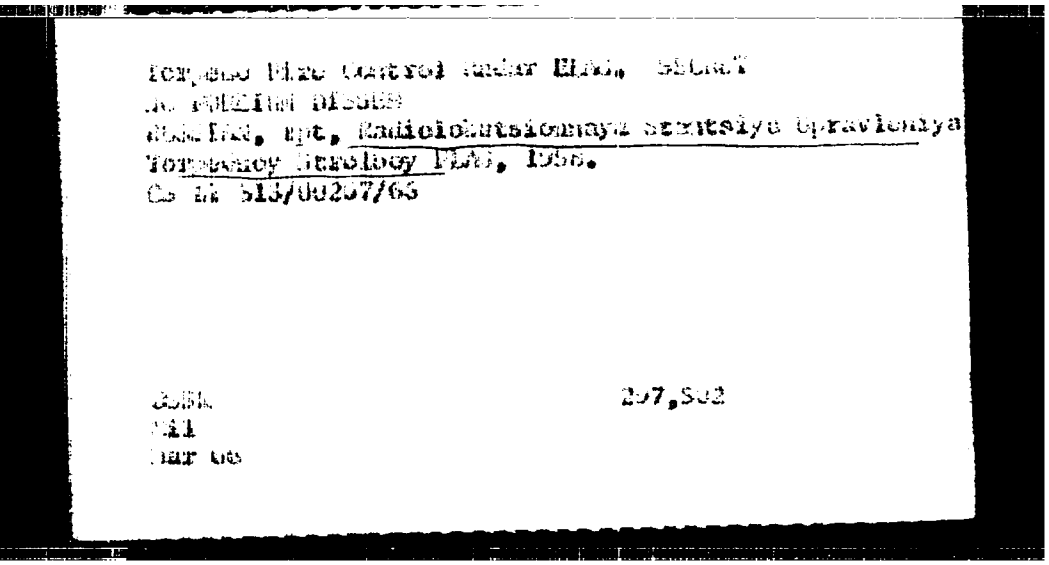

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DESCRIPTORS: Radar equipment, *Radar scanning, *Electronic scanners, *Radar stations.

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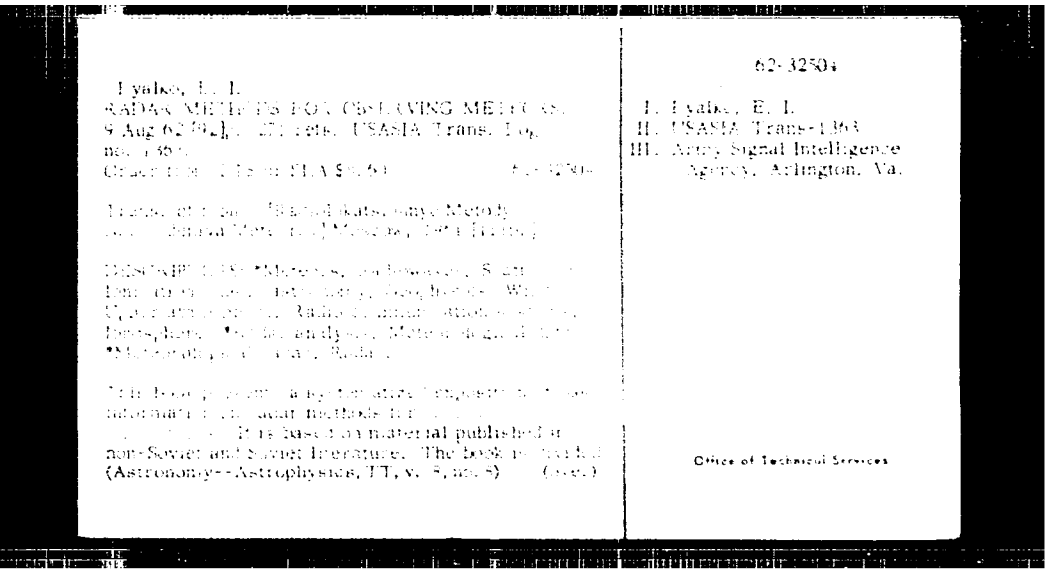

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DESCRIPTORS: Meteors, Astronomy, Scattering, Ionosphere, Radio Astronomy, Wind, Measurement, Radio equipment, Radio communication, Ionosphere, Meteorology, Meteorological data, Meteorological parameters, Radio

This book presents a systematic exposition of information on radar methods for [illegible] It is based on material published in non-Soviet and Soviet literature. The book [illegible] (Astronomy--Astrophysics, TT, v. 5, no. 5) (over)

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RADAR OBSERVATIONS OF METEORS ACCORDING TO THE INTERNATIONAL GEOPHYSICAL YEAR PROGRAM. (Radiolokatsionnyye nablyudeniya meteorov po programme mezhdunarodnovo geofizicheskovo goda.) B. L. Kashcheyev. August 1961. 20p. OTS price, $0.50.
(NASA TECHNICAL TRANSLATION F-68. Translation from International Geophysical Year Program, Section 5, no. 2, 1960, p. 40-53.)

An apparatus used in the investigation of meteor activity, which employs a system of protection against pulse interference, is described. Preliminary results of the measurement of meteor velocities obtained by Russian observation stations during the first 12 months of the International Geophysical Year are presented, and a study of the physical properties of the atmosphere at altitudes of 80 to 100 kilometers is made.

Copies obtainable from NASA, Washington

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II. NASA TT F-68
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(Initial NASA distribution:
5, Atmospheric entry;
6, Astronomy; 7, Astrophysics; 18, Communications and tracking installations, ground;
21, Geophysics and geodesy;
46, Space mechanics.)

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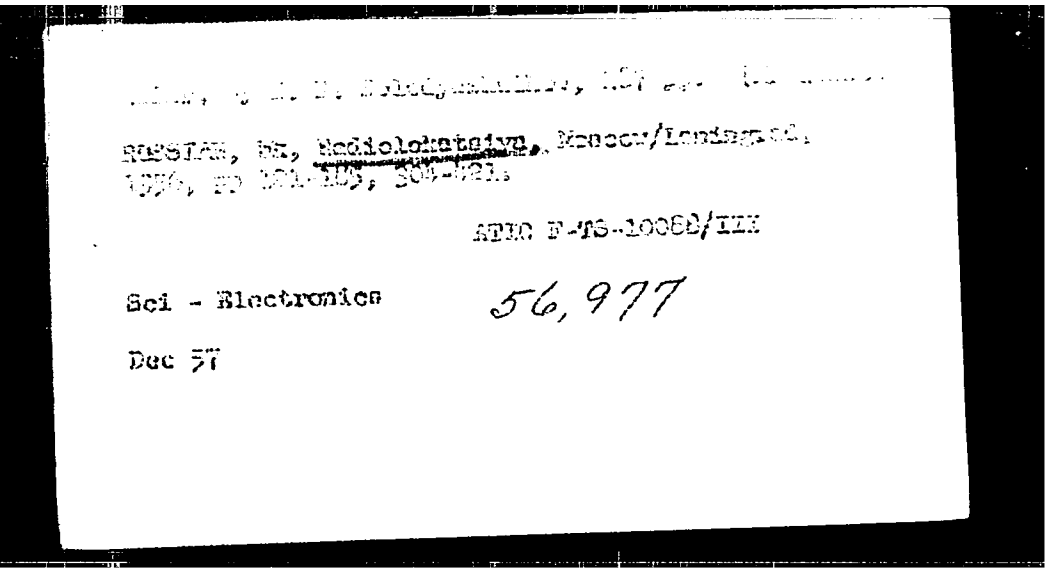

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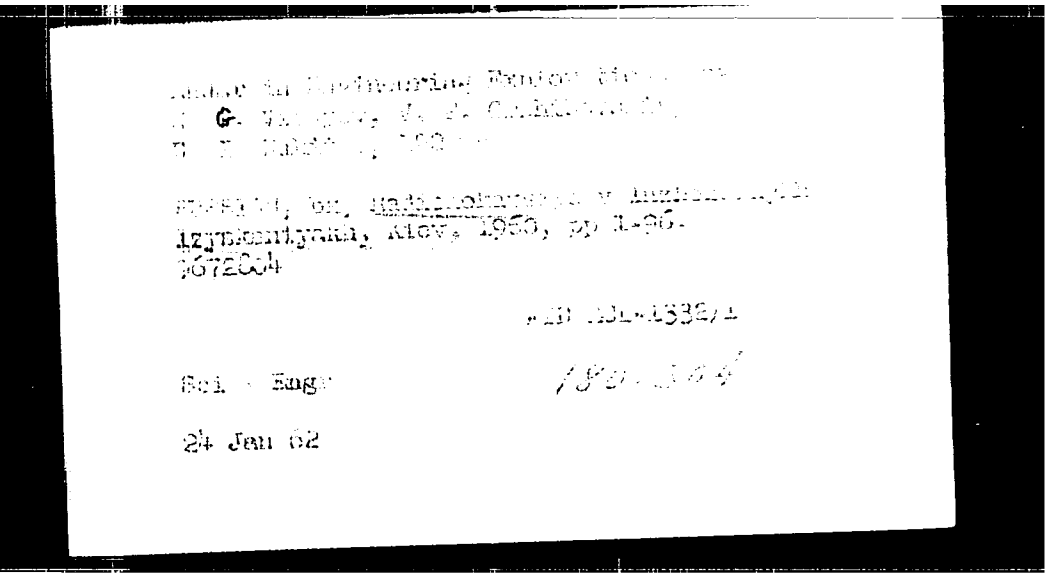

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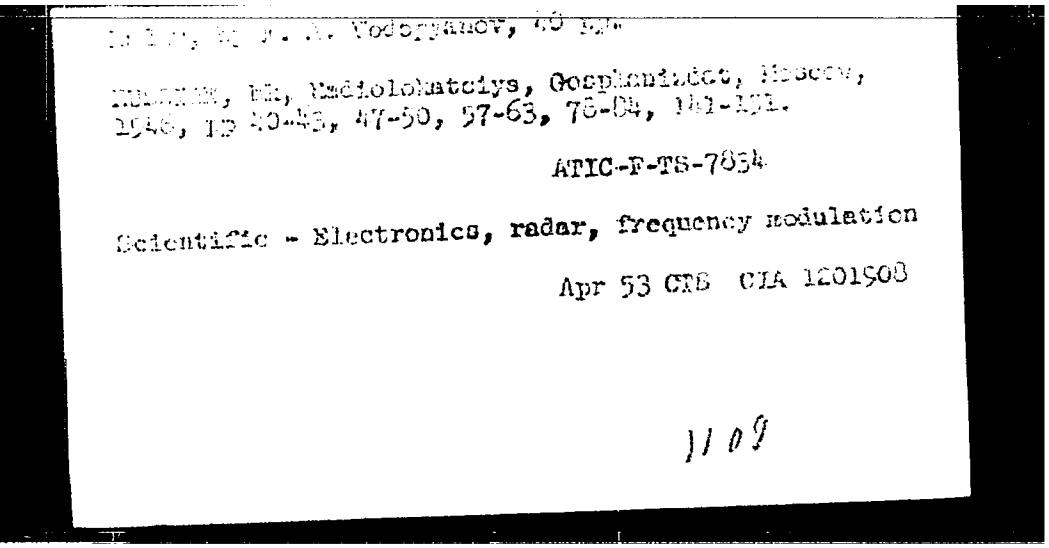

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Scientific - Electronics, radar, frequency modulation

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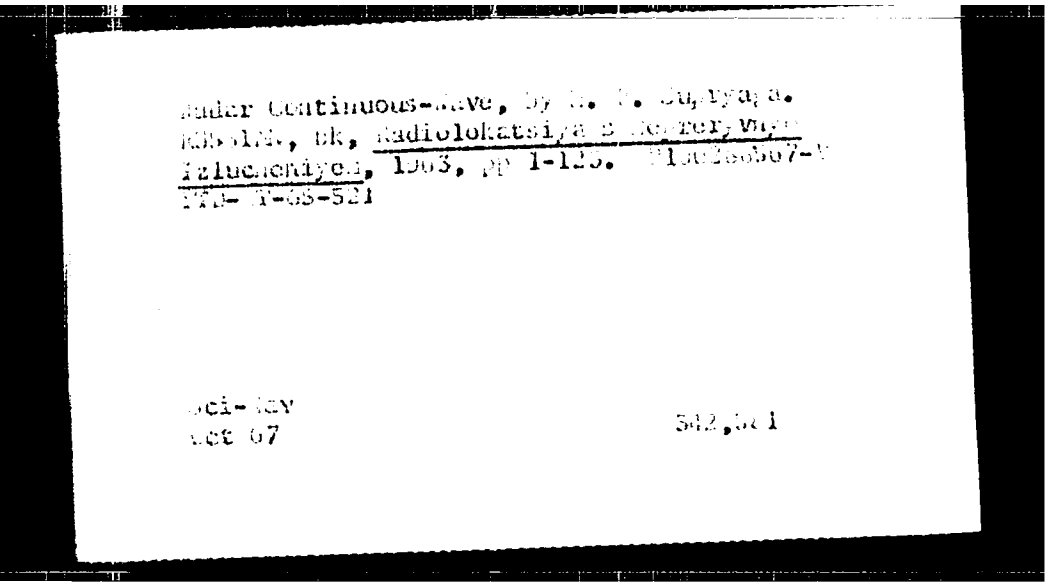

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Trans. of mono. [Radioliz Uglevodorodov, Moscow, 1962, 208p].

DESCRIPTORS: *Radiolysis, *Hydrocarbons, Pyrolysis, Reaction kinetics, Catalysis, Free radicals, *Radiation chemistry.

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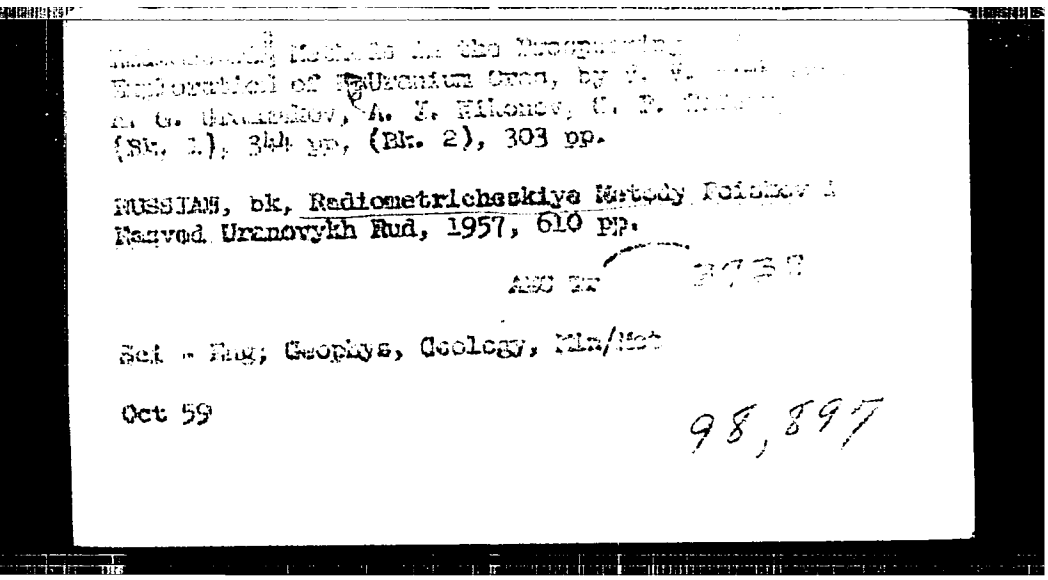

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